ವರದಿ

ವಿಷಯ:- Construction of Library building at Yelahanka New Town of Ward No-4 in Yelahanka New Town Sub Division ಕಾಮಗಾರಿಯ ಅಂದಾಜನ್ನು ಅನುಮೋದನೆಗೆ ಸಲ್ಲಿಸುವ ಬಗ್ಗೆ.

******

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ, ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗದ, ವಾರ್ಡ್ ಸಂಖ್ಯೆ:04 ರ ವ್ಯಾಪ್ತಿಯ 9ನೇ ಬಿ ಅಡ್ಡರಸ್ತೆ ಮತ್ತು 7ನೇ ಹಾಗೂ 6ನೇ ಮುಖ್ಯರಸ್ತೆಯ ಬದಿಯಲ್ಲಿ ಬರುವ ಯಲಹಂಕ ಉಪನಗರ ಕಛೇರಿಯ ಆವರಣದಲ್ಲಿ ಸ್ಥಳಾವಕಾಶ ಇರುವುದರಿಂದ ಇಲ್ಲಿ ಗ್ರಂಥಾಲಯದ ಅವಶ್ಯತೆಯನ್ನು ಕೋರಿ ಸಾರ್ವಜನಿಕರು ಪಾಲಿಕೆ ಸದಸ್ಯರಿಗೆ ದೂರಿರುವುದರ ಮೇರೆಗೆ ಪಾಲಿಕೆ ಸದಸ್ಯರು ಅದನ್ನು ನೆರವೇರಿಸಲು ಮಾನ್ಯ ಪೂಜ್ಯ ಮಹಾಪೌರರ ಅನುದಾನದಲ್ಲಿ ಸಂಪೂರ್ಣವಾಗಿ ಕಾಮಗಾರಿಯನ್ನು ನೆರವೇರಿಸಲು ಪತ್ರದ ಮೂಲಕ ತಿಳಿಸಿರುತ್ತಾರೆ.

ಪ್ರಸ್ತುತ **ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ, ಪೂಜ್ಯ ಮಹಾಪೌರರ ಆಯವ್ಯಯ ಲೆಕ್ಕ ಶೀರ್ಷಿಕೆ ಸಂಖ್ಯೆ: P-0190 ರಡಿಯಲ್ಲಿ** ಗ್ರಂಥಾಲಯ ಕಟ್ಟಡವನ್ನು ನಿರ್ಮಾಣ ಮಾಡಲು ವಿಶೇಷ ಅನುದಾನದಡಿಯಲ್ಲಿ ಕೈಗೆತ್ತಿಕೊಳ್ಳಲಾಗಿದೆ. 9ನೇ ಬಿ ಅಡ್ಡರಸ್ತೆ ಮತ್ತು 7ನೇ ಹಾಗೂ 6ನೇ ಮುಖ್ಯರಸ್ತೆಯ ಬದಿಯಲ್ಲಿ ಬರುವ ಯಲಹಂಕ ಉಪನಗರ ಕಛೇರಿಯ ಆವರಣದಲ್ಲಿ ಸ್ಥಳಾವಕಾಶ ಇರುವುದರಿಂದ ಇಲ್ಲಿ ಗ್ರಂಥಾಲಯವನ್ನು ನಿರ್ಮಾಣ ಮಾಡಲು ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ರೂ.49.00 ಲಕ್ಷಗಳಿಗೆ ತಯಾರಿಸಲಾಗಿದೆ. ಈ ಕೆಳಕಂಡ ಅಂಶಗಳನ್ನು ಅಂದಾಜಿನಲ್ಲಿ ಅಳವಡಿಸಲಾಗಿರುತ್ತದೆ.

1) ಸಾಮಾನ್ಯ ಮಣ್ಣಿನಲ್ಲಿ ಅಗೆತ.
2) ಸಿಮೆಂಟ್ ಕಾಂಕ್ರೆಟ್ 1:4:8 ನ್ನು ಅಳವಡಿಸಿಕೊಳ್ಳುವುದು.
3) ಸಿಮೆಂಟ್ ಕಾಂಕ್ರೀಟ್ 1:2:4 ನ್ನು ಅಳವಡಿಸಿಕೊಳ್ಳುವುದು.
4) ಫ್ಲಸ್ ಪಾಯಿಂಟಿಗ್‌ನ್ನು ಅಳವಡಿಸುವುದು.
5) ಸ್ಯಾಂಡ್ ಫಿಲ್ಲಿಂಗ್‌ನ್ನು ಮಾಡುವುದು.
6) ಸೆಂಟರಿಂಗ್ ಮತ್ತು ಶೆಟ್ಟರಿಂಗ್‌ನ್ನು ಮಾಡುವುದು.
7) ಸಿಮೆಂಟ್ ಕಾಂಕ್ರೀಟ್ 1:1.5:3 ನ್ನು ಅಳವಡಿಸಿಕೊಳ್ಳುವುದು.
8) ಆರ್.ಸಿ.ಸಿ.ಪ್ರೀ ಕ್ಯಾಸ್ಟ್ ಆಲಿಡ್ ಬ್ಲಾಕ್ಸ್‌ನ್ನು ಅಳವಡಿಸುವುದು
9) ಎಂ.ಎಸ್ ಗ್ರಿಲ್‌ಗಳನ್ನು ಅಳವಡಿಸುವುದು.
10) ಸಿಮೆಂಟ್ ಮೋಟಾರ್ 1:6 ನ್ನು ಅಳವಡಿಸುವುದು.
11) ಅಗೆದ ಮಣ್ಣನ್ನು ಹೊರಸಾಗಿಸುವುದು.

ಮೇಲ್ಕಂಡ ಅಂಶಗಳನ್ನು ಒಳಗೊಂಡಂತೆ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು 2013-14 ನೇ ಸಾಲಿನ ಲೋಕೋಪಯೋಗಿ ಇಲಾಖೆಯ ಬೆಂಗಳೂರು ವೃತ್ತದ ದರಗಳ ಅನ್ವಯ ರೂ.**49.00** ಲಕ್ಷಗಳಿಗೆ ತಯಾರಿಸಲಾಗಿದೆ. ಸದರಿ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಕಾಮಗಾರಿ ಸಂಕೇತ, ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಹಾಗೂ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಬೇಕಾಗಿ ಕೋರಿ ಕಡತವನ್ನು ಮಂಡಿಸಿದೆ.

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ವಾರ್ಡ್ ನಂ:04

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು,
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-64.

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

	Estimate Cost Rs.	**49.00 Lakhs**

Name of Work: Construction of Library Building at Yelahanka New Town of Ward No-04 in Yelahanka New Town Sub Division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1: Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. (P5/2.1)	Cum							
	Lowering Levelling		1	30.00	13.00	0.20	78.00		
							78.00	**124.02**	**9674.00**
	Basic Rate	117.00							
	Area Weightage @ 6%	7.02							
	Total	**124.02**							
2	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m. In depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications. Specification. No. KBS 2.1(b) / 2.3.5 (P.5/2.4 PWD SR - 2013-14).	Cum							
	Footings F1		2	2.00	2.00	1.80	14.40		
	F2		3	1.90	1.60	1.80	16.42		
	F3		2	2.10	1.70	1.80	12.85		
	F4		2	2.20	1.80	1.80	14.26		
	F5		1	2.40	1.90	1.80	8.21		
	F6		1	2.50	2.00	1.80	9.00		
	F7		6	3.00	2.50	1.80	81.00		
	Foudations for long walls		2	18.70	0.90	0.80	26.93		
			2	2.75	0.90	0.80	3.96		
			2	2.35	0.90	0.80	3.38		
	Portica		2	4.15	0.90	0.80	5.98		
	shortwalls		4	9.00	0.90	0.80	25.92		
	Portica		1	6.85	0.90	0.80	4.93		
							227.23		
	deductions F1		2	1.45	0.90	0.80	2.09		
			2	0.55	0.90	0.80	0.79		
	F2		3	2.10	0.90	0.80	4.54		
			3	0.35	0.90	0.80	0.76		

	F3		2	2.20	0.90	0.80	3.17		
			1	0.40	0.90	0.80	0.29		
	F4		2	2.20	0.90	0.80	3.17		
			3	0.45	0.90	0.80	0.97		
	F5		1	2.40	0.90	0.80	1.73		
			2	0.50	0.90	0.80	0.72		
	F6		1	2.50	0.90	0.80	1.80		
			2	0.55	0.90	0.80	0.79		
	F7		6	2.85	0.90	0.80	12.31		
			2	1.93	0.90	0.80	2.77		
							35.89		
							191.34	**223.66**	**42795.00**
	Basic Rate	211.00							
	Area Weightage @ 6%	12.66							
	Total	**223.66**							
3	KSRB 2.8: Providing and Filling in foundation with granite / trap broken metal 100mm. And down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. Complete as per specifications. (P6/2.15)	Cum							
	Footings F1		2	2.00	2.00	0.20	1.60		
	F2		3	1.90	1.60	0.20	1.82		
	F3		2	2.10	1.70	0.20	1.43		
	F4		2	2.20	1.80	0.20	1.58		
	F5		1	2.40	1.90	0.20	0.91		
	F6		1	2.50	2.00	0.20	1.00		
	F7		6	3.00	2.50	0.20	9.00		
	Foudations for long walls		2	18.70	0.90	0.20	6.73		
			2	2.75	0.90	0.20	0.99		
			2	2.35	0.90	0.20	0.85		
	Portica		2	4.15	0.90	0.20	1.49		
	shortwalls		4	9.00	0.90	0.20	6.48		
	Portica		1	6.85	0.90	0.20	1.23		
							35.12		
	deductions F1		2	0.70	0.70	0.20	0.20		
	F2		3	0.75	0.50	0.20	0.23		
	F3		2	0.75	0.50	0.20	0.15		
	F4		2	0.75	0.50	0.20	0.15		
	F5		1	0.75	0.50	0.20	0.08		
	F6		1	0.75	0.50	0.20	0.08		
	F7		6	0.90	0.60	0.20	0.65		
							1.52		
							33.60	**1743.70**	**58595.00**
	Basic Rate	1645.00							
	Area Weightage @ 6%	98.70							
	Total	**1743.70**							

4	KSRRB 2900-4.1: Providing and laying in position plain cement concrete mix 1:4:8 with stone aggregate 40mm and down size in foundation upto a depth of 2m below ground level and upto a height of 1.5m above ground level / bed level machine mixed, concrete laid in layers not exceeding 15cms thick well compacted, cost of all materials, labour, HOM of machineries, curing complete as per specifications. (P.12/4.3)	Cum							
	Footings F1		2	2.00	2.00	0.15	1.20		
	F2		3	1.90	1.60	0.15	1.37		
	F3		2	2.10	1.70	0.15	1.07		
	F4		2	2.20	1.80	0.15	1.19		
	F5		1	2.40	1.90	0.15	0.68		
	F6		1	2.50	2.00	0.15	0.75		
	F7		6	3.00	2.50	0.15	6.75		
	Foudations for long walls		2	18.70	0.90	0.15	5.05		
			2	2.75	0.90	0.15	0.74		
			2	2.35	0.90	0.15	0.63		
	Portica		2	4.15	0.90	0.15	1.12		
	shortwalls		4	9.00	0.90	0.15	4.86		
	Portica		1	6.85	0.90	0.15	0.92		
	plinth bem base concrete		2	7.60	0.45	0.15	1.03		
			4	0.40	0.45	0.15	0.11		
	flooring hall		3	9.60	3.30	0.15	14.26		
	passage		1	6.80	2.80	0.15	2.86		
	toilet room		2	2.30	1.60	0.15	1.10		
	store room		1	4.10	3.50	0.15	2.15		
	staircase		1	4.10	3.05	0.15	1.88		
	Reception room		1	3.10	2.30	0.15	1.07		
	Portica		1	5.40	4.80	0.15	3.89		
	building front		1	13.00	8.80	0.15	17.16		
	Ramo portion left side		1	5.80	1.75	0.15	1.52		
	Right side		1	5.00	1.75	0.15	1.31		
	Infront of ramp in solid block foundation		1	5.80	0.30	0.15	0.26		
			1	5.00	0.30	0.15	0.23		
	Entrance steps		1	2.10	2.25	0.15	0.71		
	flagging concrete left side		1	18.00	1.50	0.15	4.05		
	right side		1	18.00	1.45	0.15	3.92		
	back		1	13.00	1.00	0.15	1.95		
	front		1	10.20	0.30	0.15	0.46		
	flagging portion solid block foundation left side		1	18.00	0.30	0.15	0.81		
	back side		1	13.00	0.30	0.15	0.59		
							87.64		
	deductions F1		2	0.70	0.70	0.15	0.15		
	F2		3	0.75	0.50	0.15	0.17		
	F3		2	0.75	0.50	0.15	0.11		
	F4		2	0.75	0.50	0.15	0.11		
	F5		1	0.75	0.50	0.15	0.06		
	F6		1	0.75	0.50	0.15	0.06		
	F7		2	0.90	0.60	0.15	0.16		
	Portica portion		1	5.50	3.30	0.15	2.72		
			3				**3.54**		

							84.10	**4211.38**	**354173.00**
	Basic Rate	3973.00							
	Area Weightage @ 6%	238.38							
	Total	4211.38							
5	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specification. KBS 5.1.13 (P.22/5.6)	Cum							
	foundation for 1st ffoting long walls		2	18.55	0.75	0.20	5.57		
			2	2.90	0.75	0.20	0.87		
			2	2.50	0.75	0.20	0.75		
	Portica		2	4.30	0.75	0.20	1.29		
	short walls		4	9.15	0.75	0.20	5.49		
	Portica		1	6.70	0.75	0.20	1.01		
	2nd footing long walls		2	18.40	0.60	0.45	9.94		
			2	3.05	0.60	0.45	1.65		
			2	2.65	0.60	0.45	1.43		
	Portica		2	4.40	0.60	0.20	1.06		
	short walls		4	9.30	0.60	0.35	7.81		
	Portica		1	6.55	0.60	0.35	1.38		
							38.23		
	deductions for 1st footing C1		2	3.14	0.15	0.20	**0.19**		
	C2		3	0.45	0.20	0.20	**0.05**		
	C3		2	0.45	0.20	0.20	**0.04**		
	C4		2	0.45	0.20	0.20	**0.04**		
	C5		1	0.45	0.20	0.20	**0.02**		
	C6		1	0.45	0.20	0.20	**0.02**		
	C7		2	0.60	0.30	0.20	**0.07**		
	2nd footing C1		2	3.14	0.12	0.35	**0.26**		
	C2		3	0.45	0.20	0.45	**0.12**		
	C3		2	0.45	0.20	0.45	**0.08**		
	C4		2	0.45	0.20	0.45	**0.08**		
	C5		1	0.45	0.20	0.45	**0.04**		
	C6		1	0.45	0.20	0.45	**0.04**		
	C7		2	0.60	0.30	0.45	**0.16**		
							1.21		
							37.01	**3484.22**	**128968.00**
	Basic Rate	3287.00							
	Area Weightage @ 6%	197.22							
	Total	3484.22							
6	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (P.22/5.90)	Cum							
	Basement for long walls		2	18.25	0.45	0.20	3.29		
			2	3.20	0.45	0.20	0.58		
			2	2.80	0.45	0.20	0.50		

	short walls		4	9.15	0.45	0.20	3.29		
							7.66		
	Deductions for columns C1		2	3.14	0.25	0.20	0.31		
	C2		3	0.45	0.20	0.20	0.05		
	C3		2	0.45	0.20	0.20	0.04		
	C4		2	0.45	0.20	0.20	0.04		
	C5		1	0.45	0.20	0.20	0.02		
	C6		1	0.45	0.20	0.20	0.02		
	C7		6	0.60	0.30	0.20	0.22		
							0.69		
							6.96	**4148.84**	**28876.00**
	Basic Rate	3914.00							
	Area Weightage @ 6%	234.84							
	Total	4148.84							
7	KSRB 4-1.5: Providing and laying in position plain cement concrete of nominal mix 1:2:4 using 20mm and down size graded granite metal, machine mixed, concrete laid in layers not excedding 15cms. Thick well compacted in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specification.(P12/4.5)	Cum							
	flooring hall		3	9.60	3.30	0.10	9.50		
	passage		1	6.80	2.80	0.10	1.90		
	toilet room		2	2.30	1.60	0.10	0.74		
	store room		1	4.10	3.50	0.10	1.44		
	staircase		1	4.10	3.05	0.10	1.25		
	Reception room		1	3.10	2.30	0.10	0.71		
	Portica		1	5.40	4.80	0.10	2.59		
	building front		1	13.00	8.80	0.13	14.87		
	Ramo portion left side		1	5.80	1.75	0.10	1.02		
	Right side		1	5.00	1.75	0.10	0.88		
	Entrance steps		1	2.10	2.25	0.10	0.47		
	flagging concrete left side		1	18.00	1.50	0.10	2.70		
	right side		1	18.00	1.50	0.10	2.70		
	back		1	13.00	1.00	0.10	1.30		
	paraft wall coping		2	18.00	0.20	0.10	0.72		
			2	9.60	0.20	0.10	0.38		
			1	5.50	0.20	0.10	0.11		
			2	5.00	0.20	0.10	0.20		
	head room		2	4.30	0.20	0.10	0.17		
			2	3.00	0.20	0.10	0.12		
							43.78		
	deductions open portion		1	5.50	0.20	0.10	0.11		
	Portica portion		1	5.40	4.80	0.10	2.59		
	Head room		1	4.30	0.20	0.10	0.09		
			1	3.00	0.20	0.10	0.06		
							2.85		
							40.93	**5224.74**	**213833.00**
	Basic Rate	4929.00							
	Area Weightage @ 6%	295.74							
	Total	5224.74							

8	KSRB 15.1.3 Providing flush pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.122/I.15.3)	Sqm							
	out side for long walls		2	18.25		0.20	7.30		
	short walls		2	10.20		0.20	4.08		
							11.38		
	Deductions for portica portion		1	5.90		0.20	1.18		
							10.20	**78.44**	**800.09**
	Basic Rate	74.00							
	Area Weightage @ 6%	4.44							
	Total	78.44							
9	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (P.6/2.10 PWD SR - 2013-14).	Cum							
			Qty vide item No.2				**191.34**	**99.64**	**19065.00**
	Basic Rate	94.00							
	Area Weightage @ 6%	5.64							
	Total	99.64							
10	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of materials, labour complete as per specifications. (P14/4.28)	Cum							
	footings F1		8	1.80		0.45	6.48		
	F2		6	1.70		0.45	4.59		
			6	1.40		0.45	3.78		
	F3		4	1.90		0.45	3.42		
			4	1.50		0.45	2.70		
	F4		4	2.00		0.45	3.60		
			4	1.60		0.45	2.88		
	F5		2	2.20		0.50	2.20		
			2	1.70		0.50	1.70		
	F6		2	2.30		0.55	2.53		
			2	1.80		0.55	1.98		
	F7		12	2.80		0.60	20.16		
			12	2.30		0.60	16.56		
	Pedstal F1		8	0.70		0.60	3.36		
	F2		6	0.75		0.60	2.70		
			6	0.50		0.60	1.80		
	F3		4	0.75		0.60	1.80		
			4	0.50		0.60	1.20		
	F4		4	0.75		0.60	1.80		
			4	0.50		0.60	1.20		
	F5		2	0.75		0.60	0.90		

			2	0.50		0.60	0.60		
	F6		2	0.75		0.60	0.90		
			2	0.50		0.60	0.60		
	F7		12	0.90		0.60	6.48		
			12	0.60		0.60	4.32		
							100.24	**220.48**	**22100.92**
	Basic Rate	208.00							
	Area Weightage @ 6%	12.48							
	Total	220.48							
11	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square/ rectangular/polygon in plan including cost of all materials, labour complete as per specifications. (P15/4.32)	Sqm							
	Columns C1		2	3.14	0.40	3.74	9.39		
	C2		6	0.65		3.90	15.21		
	C3		4	0.65		3.90	10.14		
	C4		4	0.65		3.90	10.14		
	C5		2	0.65		3.85	5.01		
	C6		2	0.65		3.85	5.01		
	C7		12	0.90		3.90	42.12		
							97.01	**330.72**	**32084.76**
	Basic Rate	312.00							
	Area Weightage @ 6%	18.72							
	Total	330.72							
12	KSRB 4-6.9: Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor, cills, plinth including cost of all materials, labour complete as per specifications. (P15/4.36)	Sqm							
	Plinth beam centering **inside**		6	9.60		0.45	25.92		
			6	3.33		0.45	8.99		
	store		2	4.10		0.45	3.69		
			2	3.50		0.45	3.15		
	passage		2	6.80		0.45	6.12		
			2	2.80		0.45	2.52		
	toillet		4	2.35		0.45	4.23		
			2	1.65		0.45	1.49		
	reception room		2	2.35		0.45	2.12		
			2	1.65		0.45	1.49		
	stair case		2	4.10		0.45	3.69		
			2	3.05		0.45	2.75		
	portica		1	6.00		0.45	2.70		
			2	5.00		0.45	4.50		
	out side		2	18.00		0.45	16.20		
			2	10.00		0.45	9.00		
							98.54		
							98.54	**654.02**	**64447.78**
	Basic Rate	617.00							
	Area Weightage @ 6%	37.02							
	Total	654.02							

13	KSRB 4-6.7: Providing and removing centerign, shuttering strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of materials, labour complete as per specifications.(P15/4.34)	Sqm							
	Lintle inside hall		2	9.60		0.20	3.84		
			2	10.60		0.20	4.24		
	store		2	4.10		0.20	1.64		
			2	3.50		0.20	1.40		
	stair case		2	4.10		0.20	1.64		
			1	3.05		0.20	0.61		
	passage		2	2.80		0.20	1.12		
			2	6.80		0.20	2.72		
	toilets		4	2.35		0.20	1.88		
			4	1.65		0.20	1.32		
	Reception		2	2.35		0.20	0.94		
			2	3.10		0.20	1.24		
	Out side long walls		2	18.00		0.20	7.20		
			2	10.00		0.20	4.00		
	tie beams inside		1	9.60		0.45	4.32		
			1	3.33		0.30	1.00		
			1	9.60		0.30	2.88		
			1	3.33		0.30	1.00		
	hall		4	9.60		0.45	17.28		
			4	3.33		0.30	4.00		
	store and stair case		4	4.10		0.45	7.38		
			1	4.10		0.30	1.23		
	store		2	3.50		0.30	2.10		
			2	3.05		0.30	1.83		
	passage		4	2.80		0.30	3.36		
			2	3.50		0.30	2.10		
			2	3.05		0.30	1.83		
	reception		2	3.10		0.30	1.86		
			2	2.30		0.30	1.38		
	toilet		2	1.65		0.30	0.99		
			2	2.35		0.30	1.41		
	portica		2	5.40		0.30	3.24		
			2	4.70		0.45	4.23		
	outside		2	18.00		0.30	10.80		
			1	10.00		0.30	3.00		
			2	1.80		0.30	1.08		
	Portica		2	5.10		0.45	4.59		
			1	6.30		0.45	2.84		
							119.51	**239.56**	**28629.58**
	Basic Rate	226.00							
	Area Weightage @ 6%	13.56							
	Total	239.56							

14	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.15/I.4.37)	Sqm							
	Window chejjas		1	10	2.10	0.45	9.45		
							9.45	242.74	2293.89
	Basic Rate	229.00							
	Area Weightage @ 6%	13.74							
	Total	242.74							
15	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.14/I.4.29)	Sqm							
	Stair case for 1st flight		1	3.25	1.35		4.39		
	landing		1	3.00	1.30		3.90		
	2nd flight		1	3.10	1.35		4.19		
	Toilet room		1	3.10	1.35		4.19		
	Portica		1	5.40	4.70		25.38		
	roof centering hall		3	9.60	3.33		95.90		
	Store		1	4.10	3.50		14.35		
	passage		1	6.80	2.80		19.04		
	toilets		2	2.30	1.60		7.36		
	Reception room		1	3.10	2.30		7.13		
	Roof sides		2	18.00		0.15	5.40		
			2	10.00		0.15	3.00		
							194.22	**284.08**	**55174.44**
	Basic Rate	268.00							
	Area Weightage @ 6%	16.08							
	Total	284.08							

16	KSRB 4.2.8 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C beams, columns of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintels, columns, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.17)	Cum							
	A) Footing Concrete:-F1		2	1.80	1.80	0.45	2.92		
	F2		3	1.70	1.40	0.425	3.03		
	F3		2	1.90	1.50	0.45	2.57		
	F4		2	2.00	1.60	0.475	3.04		
	F5		1	2.20	1.70	0.50	1.87		
	F6		1	2.30	1.80	0.55	2.28		
	F7		6	2.80	2.30	0.60	23.18		
	B)Pedestals:-F1		2	0.70	0.70	0.60	0.59		
	F2		3	0.75	0.53	0.60	0.72		
	F3		2	0.75	0.53	0.60	0.48		
	F4		2	0.75	0.53	0.60	0.48		
	F5		1	0.75	0.53	0.60	0.24		
	F6		1	0.75	0.53	0.60	0.24		
	F7		6	0.90	0.60	0.60	1.94		
	C)Coloumns:-C1	3.142	2	0.40	0.40	2.40	2.41		
	C2		3	0.45	0.23	2.40	0.75		
	C3		2	0.45	0.23	2.40	0.50		
	C4		2	0.45	0.23	2.40	0.50		
	C5		1	0.45	0.23	2.40	0.25		
	C6		1	0.45	0.23	2.40	0.25		
	C7		6	0.60	0.30	2.40	2.59		
	D)Plinth beam for PB2		2	18.00	0.20	0.38	2.74		
			1	3.00	0.20	0.40	0.24		
	PB3		1	9.60	0.20	0.40	0.77		
			1	6.35	0.20	0.45	0.57		
	PB3&PB4		2	9.60	0.20	0.45	1.73		
	PB5		3	9.60	0.30	0.45	3.89		
	E)Vertical Lintel beam		2	18.00	0.20	0.20	1.44		
			1	3.00	0.20	0.20	0.12		
			2	3.40	0.20	0.20	0.27		
	Horizontal		4	9.60	0.20	0.20	1.54		
	F)Tie beam forB1&B2		1	9.60	0.30	0.45	1.30		
	B3,B4&B5		3	9.60	0.30	0.45	3.89		
	B6&B7		1	9.60	0.30	0.30	0.86		
	B8&B9		1	9.60	0.30	0.30	0.86		
	B10		1	6.35	0.30	0.30	0.57		

	B11-B15&B19-B23		2	18.00	0.30	0.30	3.24		
	B16		1	3.40	0.30	0.30	0.31		
	B17		2	5.00	0.30	0.30	0.90		
	B18		1	3.00	0.30	0.30	0.27		
	G)Roof		1	18.00	10.00	0.15	27.00		
	Portica		1	6.35	5.30	0.12	4.04		
	H)First Flight		1	2.40	1.50	0.12	0.43		
	Landing		1	3.00	1.50	0.12	0.54		
	Second Flight		1	2.40	1.50	0.12	0.43		
	Steps	22	0.5	1.50	0.30	0.15	0.03		
							108.78	5535.32	602137.68
	Basic Rate	5222.00							
	Area Weightage @ 6%	313.32							
	Total	5535.32							
17	KSRB 4.2.11: Providing and laying in position reinforced cement concrete of mix 1:1.5:3 (M20) with 12mm and down size graded granite metal, machine mixed, well compacted for plain chajja of 8.5 cms average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P. 15/4.20 PWD SR - 2013-14).	Sqm							
	Window chejjas		1	10	2.10	0.45	9.45		
							9.45	457.92	4327.00
	Basic Rate	432.00							
	Area Weightage @ 6%	25.92							
	Total	457.92							
18	Providing and fabricating TMT Steel reinforcement bars including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tieing with binding wire, anchoring to the adjoining members wherever necessary, as per designs (laps, hooks and wastages shall not be measured and paid) including cost of all materials, labour, HOM of machineries complete as per specifications. (P16\4.46)	Qntl							
	1.05 qtl / 1.cum		Qty vide item No.16				114.22		
	chajjas 0.13 qtl / 1 sq.mtr		Qty vide item No.17				1.23		
	Basic Rate	6834.00					115.45	7244.04	836313.96
	Area Weightage @ 6%	410.04							
	Total	7244.04							

19	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P27/5.27.1)	Cum							
	Long walls :-		2	18.00		3.10	111.60		
			2	3.50		3.10	21.70		
	Short walls :-		1	3.10		3.10	9.61		
			4	9.60		3.10	119.04		
	Head room walls		2	4.30		2.10	18.06		
			2	3.00		2.10	12.60		
	parapit wall		2	18.00		0.90	32.40		
			2	9.60		0.90	17.28		
			2	5.00		0.90	9.00		
	Ramp portion left side walls		1	5.80		0.80	4.64		
	Right side		1	5.00		0.40	2.00		
	Entrance steps		1	2.10		0.90	1.89		
			1	2.10		0.60	1.26		
			1	2.10		0.30	0.63		
	Flagging course left side		1	18.00		0.60	10.80		
			1	10.20		0.20	2.04		
	back		1	13.00		0.60	7.80		
							382.35		
	(-)Deductions for Coloumns:-C1	3.142	2	0.40		2.40	6.03		
	C2		3	0.45		2.40	3.24		
	C3		2	0.45		2.40	2.16		
	C4		2	0.45		2.40	2.16		
	C5		1	0.45		2.40	1.08		
	C6		1	0.45		2.40	1.08		
	C7		6	0.60		2.40	8.64		
	Lintel beam for Long walls :-		10	3.40		0.20	6.80		
			3	3.20		0.20	1.92		
	Lintel beam for Short walls :-		5	4.10		0.20	4.10		
			1	8.80		0.20	1.76		
	Tiebeam for Long walls :-		10	3.40		0.45	15.30		
	Staire case beam		4	3.20		0.30	3.84		
	portica		2	5.00		0.30	3.00		
	Tie beam for Short walls :-		6	9.60		0.45	25.92		
			1	5.50		0.30	1.65		
	Lintel		2	6.00		0.20	2.40		
			2	3.20		0.20	1.28		
	Beam		2	6.00		0.30	3.60		
			2	3.20		0.30	1.92		

	D		2	1.50		2.10	6.30		
	D1		2	0.90		2.10	3.78		
	D2		2	0.75		2.10	3.15		
	w		10	1.80		1.20	21.60		
			2	1.05		1.20	2.52		
	v		1	1.80		0.60	1.08		
			2	1.50		0.60	1.80		
	OD		1	2.10		2.70	5.67		
	Parafit wall		1	5.50		0.90	4.95		
	door		1	0.90		2.10	1.89		
	Head room		1	4.30		0.90	3.87		
			1	3.00		0.90	2.70		
							157.19		
	Basic Rate	856.00					225.16	907.36	204299.00
	Area Weightage @ 6%	51.36							
	Total	907.36							
20	Providing and laying pattern for flooring staircase, treadsand risers using thecombination of20mm thick blockgranite @ 76% 20mm thick grey granite @ 22% 20mm thick shiva gold granite 7% 20mm thick black granite2%. The granite meterials are laid on existing bed of CM 1:3.20mm thick pointed with colour pigment,including full rounding fornosing,flaming the ruby red granite for 50mm wide curingetc.Complete(p.117/14.48.1).	Sqm							
	Study Hall		1	10.60	9.50		100.70		
	Sidewalls skirting		2	10.60		0.10	2.12		
			2	9.50		0.10	1.90		
	Varandha		1	6.75	2.73		18.43		
	Sidewalls skirting		1	6.75		0.10	0.68		
			2	2.73		0.10	0.55		
			1	3.75		0.10	0.38		
	Staire case room		1	4.25	3.00		12.75		
	Sidewalls skirting		2	4.25		0.10	0.85		
			1	3.00		0.10	0.30		
	Reception		1	3.05	2.30		7.02		
	Sidewalls skirting		2	3.05		0.10	0.61		
			2	2.30		0.10	0.46		
	Store		1	3.90	3.50		13.65		
			2	3.90		0.10	0.78		
			2	3.50		0.10	0.70		
	First Flight&Second flight- Threads		18	1.30	0.30		7.02		
	Risers		19	1.30		0.15	3.71		
	Landing		1	3.00	1.25		3.75		
	Entrance		1	2.10	2.25		4.73		
			1	1.50		2.90	4.35		

			1	2.35		2.90	6.82		
	D		1	1.50	0.25		0.38		
	D1		2	0.90	0.25		0.45		
	OD		1	2.10	0.25		0.53		
							193.57		
	Deductions (-):-								
	D		2	1.50		0.10	0.30		
	D1		4	0.90		0.10	0.36		
	D2		2	0.75		0.10	0.15		
	OD		1	2.10		0.10	0.21		
	W1		2	1.05		1.20	2.52		
							3.54		
							190.03	3558.42	676219.00
	Basic Rate	3357.00							
	Area Weightage @ 6%	201.42							
	Total	3558.42							
21	KSRB 9.4-2: Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps) but including cost of materials. labour, HOM of machineries complete as per specifications. Specifications No, KBS 9.33 (page No. 45/Item No. 9.11)	Cum							
	D	1	2	1.80	0.15	0.10	0.05		
		1	2	2.10	0.15	0.10	0.06		
	D1	1	2	1.20	0.12	0.10	0.03		
		1	2	2.10	0.12	0.10	0.05		
	D2	2	2	1.05	0.10	0.075	0.03		
		2	2	1.80	0.10	0.075	0.05		
	v	2	1	1.80	0.10	0.075	0.03		
		1	2	2.10	0.10	0.075	0.03		
		2	3	0.60	0.10	0.075	0.03		
							0.37	105456.22	38723.52
	Basic Rate	99487.00							
	Area Weightage @ 6%	5969.22							
	Total	105456.22							

22	KSRB: 9-27-1: Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embeddding holdfast in cement concrete 1:3:6 of 20mm and down size granite matal painting two coats of coal tar to sides of frame making good the damages to walls and floor as reguired and diposal of the debries with lead upto 50m including cost of materials labour charges complete as per Specifications. (Page No. 56/ Item No. 9.80)	No's							
	Door frames		4				4.00	923.26	3693.04
	Basic Rate	871.00							
	Area Weightage @ 6%	52.26							
	Total	923.26							
	Window frames		2				2.00	625.40	1250.80
	Basic Rate	590.00							
	Area Weightage @ 6%	35.40							
	Total	625.40							
23	KSRB 9.7.1: Providing and fixing in position fully panelled Honne wood shutters for doors styles and rails of 30mm. Thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (eccluding cost of fixtures) Specification No. KBS 9.34 (page No. 57/Item No. 9.20)	Sqm							
	D		1	1.50		2.10	3.15		
	D1		1	0.90		2.10	1.89		
	D2		2	0.75		1.80	2.70		
	Basic Rate	3769.00					7.74	3995.14	30922.38
	Area Weightage @ 6%	226.14							
	Total	3995.14							

24	KSRB 9.21.2: Providing and fixing in position half panelled Honne wood shutters for window&ventilatorsstyles and rails of 20mm. Thick with bottom and lock rails 75mm wide top rail and styles 100mm wide as per drawing and panels of 20mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (eccluding cost of fixtures) Specification No. KBS 9.34 (page No. 61/Item No. 9.65)	Sqm							
	W1		2	1.05		1.20	2.52		
							2.52	3572.20	9001.94
	Basic Rate	3370.00							
	Area Weightage @ 6%	202.20							
	Total	3572.20							
25	KSRB 7.9: Providing and fixing M.S. Grill work for windows and ventilators weighing 21kg/sqm using M.S Flats or M.S. Square roads, or combination of M.S. flats and quare roads as per approved design drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12	Kg's							
	Staire case room ventilator		1	1.80		0.60	1.08		
	Toilet ventilator		2	1.50		0.60	1.80		
	w1		2	1.05		1.20	2.52		
							5.40		
							113.40	95.40	10818.36
	Basic Rate	90.00							
	Area Weightage @ 6%	5.40							
	Total	95.40							

26	Providing and fixing MS grill over exisiting compound wall as per using 16mmx16mm MS square rod at 150mm c/c spacing and 6mmx40mm MS flats at horizontal and 6mmx12mm MS flat for ornamtntal design and providing shp edge design at the verify of every vertical roads, inclduing welding grinding hereve necessray All the steel surface should be throughly cleaned free of rust and paited with and ect.. as pers pecification (Pg.47, Item No 7.36)	Sqm							
	W		10	1.80		1.20	21.60		
	Staire case grill		1	2.40		0.75	1.80		
			1	2.40		0.75	1.80		
							25.20	5857.56	147611.00
	Basic Rate	5526.00							
	Area Weightage @ 6%	331.56							
	Total	5857.56							
27	KSRB 7.22 Providing , fabricating, assembling and fixing in position anodized luminium partition using 101.60mm x 44.45mm x 3.18mm aluminium, mat finish or lossy finish , anodized sections combination of plain , single groove and double groove embers should not exceed 0.60mc/c and bottom member of required lengths, joints itred and corner grinded sub dividing assembled frame should be stiffened with orner angles. Stripped and fixed with screws rawl plug and teakwood guttas to RCC olumn or masonry on sides. RCC lintels or beams at top and mosaic floor at bottom; ncluding cutting chistelling and making good with cement mortar to match the surface Providing and fixing 12mm.thick prelaminated sheet (Ecoboard - exterior grade)of pproved colour for bottom panel of maximum height 0.9m, and 5.50 mm thick plain or in headed glass for middle panel and top panel with glazing clips pf 9.05mm.x17.30mm.1.00mm. All the aluminium sections used should be treated for removal of any rust and	Sqm							
	v		1	1.80		0.60	1.08		
			2	1.50		0.60	1.80		

							2.88	3074.00	8853.00
	Basic Rate	2900.00							
	Area Weightage @ 6%	174.00							
	Total	3074.00							
28	KSRB 7.11:Providing and fixing in position aluminium windows as per approved drawings with sliding shutters using double track window frame section of size 61.85*31.75mm.with 1.2mm thick,bottom section weight 0.695 kg/m, sides and top sections 1:3mm.thick weight 0.659kg/m and shuttercomprising top and bottom section of size 40mm*18mm.1.25mm thick0.417kg/m etc as per specification and directions of incharge of enginner work.(P.NO38/S.NO7.10)	Sqm							
	W		10	1.80		1.20	21.60		
	Basic Rate	3516.00					21.60	3726.96	80502.00
	Area Weightage @ 6%	210.96							
	Total	3726.96							
29	KSRB 7.1: Providing and fixing inposition collapsablesteelshutterswithsingleordoubleleafwithverticalchannel20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stopers, handles on borht sides with 7.5cms opeinings at 10cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications.(P36/7.1)	Sqm							
	CG		1	2.10		2.70	5.67		
							5.67	4306.78	24419.44
	Basic Rate	4063.00							
	Area Weightage @ 6%	243.78							
	Total	4306.78							

30	KSRB 14.14.2: Providing colour glazed tiles all sizes 10mm thick for flooring treads of steps and landings laid on a bed of 12mm thick cement mortar 1:3 mix flush pointing using white cement with matching colour pigment including cost of materials labour curing complete as per specifications. Specification No. KBS 14.15.2 (page 93/Item no. 14.33)	Sqm							
	Toilet flooring		2	2.25	1.60		7.20		
							7.20	882.98	6357.46
	Basic Rate	833.00							
	Area Weightage @ 6%	49.98							
	Total	882.98							
31	KSRB 14.17.1 : Providing skirting dado, rises of steps with white glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately)using glazed tiles of approved make and size including cost of materials labour, complete as per specifications. Specification No. KBS 14.16., 14.17 (Page no. 94/ Item No. 14.40	Sqm							
	Toilet Side walls		4	2.25		2.00	18.00		
			4	1.60		2.00	12.80		
	Offsets		6	0.12		2.00	1.44		
							32.24		
	Deductions (-):-								
	D2		2	0.75		2.00	3.00		
							3.00		
							29.24	832.10	24330.60
	Basic Rate	785.00							
	Area Weightage @ 6%	47.10							
	Total	832.10							
32	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.98/15.22)	Sqm							

	Study Hall		1	10.60	9.50		100.70		
	Beam sides		4	9.50		0.45	17.10		
	Varandha		1	6.75	2.73		18.43		
	Staire case room		1	4.25	3.00		12.75		
	Reception room		1	3.05	2.30		7.02		
	Store room		1	3.90	3.50		13.65		
	Toilet room		2	2.25	1.60		7.20		
	Portica		1	5.30	4.90		25.97		
	Portica beams		2	5.00	0.65		6.50		
			1	5.50	0.65		3.58		
			2	5.00	0.45		4.50		
			1	5.10	0.45		2.30		
							219.68	148.40	32600.88
	Basic Rate	140.00							
	Area Weightage @ 6%	8.40							
	Total	148.40							
33	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4 to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.97/15.16)	Sqm							
	Study Hall		2	10.60		3.10	65.72		
			2	9.50		3.10	58.90		
	Varandha		2	6.75		3.10	41.85		
			2	3.75		3.10	23.25		
	Staire case room		2	4.25		3.10	26.35		
			1	3.00		3.10	9.30		
	Reception room		2	3.05		3.10	18.91		
			2	2.30		3.10	14.26		
	Hall columns		8	0.40		2.90	9.28		
	Store		2	3.90		3.10	24.18		
			2	3.50		3.10	21.70		
	Toilets		4	2.25		3.10	27.90		
			4	1.60		3.10	19.84		
	Portica columns		2	3.14	0.40	2.70	6.79		
							368.23		
	Deductions (-):-								
	OD		1	2.10		2.10	4.41		
	D		2	1.50		2.10	6.30		
	D1		4	0.90		2.10	7.56		
	D2		4	0.75		1.80	5.40		
	W		10	1.80		1.20	21.60		
			2	1.05		1.20	2.52		
	V		1	1.80		0.60	1.08		
			2	1.50		0.60	1.80		
							50.67		

	Basic Rate	177.00					317.56	187.62	59580.00
	Area Weightage @ 6%	10.62							
	Total	187.62							
34	KSRB15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (P.99/15.33)	Sqm							
		Qty Vide Item No. 32+33					537.24	19.08	10251.00
	Basic Rate	18.00							
	Area Weightage @ 6%	1.08							
	Total	19.08							
35	KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry and concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.98/15.19)	Sqm							
	Roof surfaceplastering		1	17.50	9.50		166.25		
	Portica		1	5.20	4.80		24.96		
							191.21		
	Head room portion		1	4.00	3.00		12.00		
							179.21	199.28	35713.00
	Basic Rate	188.00							
	Area Weightage @ 6%	11.28							
	Total	199.28							
36	KSRB 15.3.3 Providing 15mm thick cement plaster in single coat with cement mortar 1:6 to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P97/15.14)	Sqm							
	Long walls :-		2	18.00		4.50	162.00		
	Short walls :-		2	10.00		4.50	90.00		
	Chejjas		20	2.10	0.45		18.90		
			2	3.30	0.45		2.97		
	Parapet wall		2	17.60		1.20	42.24		
			2	9.60		1.20	23.04		
	Portica parapet wall		2	5.00		1.20	12.00		
			1	5.50		1.20	6.60		
	Head room		2	4.30		2.85	24.51		
			2	3.40		2.85	19.38		
							401.64		

	Deductions (-):-								
	OD		1	2.10		2.10	4.41		
	w		10	1.80		1.20	21.60		
	w1		2	1.05		1.20	2.52		
	v		1	1.80		0.60	1.08		
	v1		2	1.50		0.60	1.80		
	Parapet wall		1	5.50		1.00	5.50		
	Head room		2	4.30		1.00	8.60		
			2	3.40		1.00	6.80		
							52.31		
	Basic Rate	131.00					349.33	138.86	48507.96
	Area Weightage @ 6%	7.86							
	Total	138.86							
37	KSRB 8.6-8: Providing and fixing on wall surface 4.0Kg/Sqcm HDPE rain down water pipes 110mm outer dia. Approved makes and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications. (P42/8.19)	Rmtr							
			4	3.30			13.20	595.72	7864.00
	Basic Rate	562.00							
	Area Weightage @ 6%	33.72							
	Total	595.72							
38	KSRB 15-14.1: Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.(P101/15.49)	Sqm							
			Qty vide item No 34				537.24	79.50	42711.00
	Basic Rate	75.00							
	Area Weightage @ 6%	4.50							
		79.50							

39	Providingexternalwallswithtexturei ngapprovedbrandpaint,appliedunifo rmlyinthreecoatsoveronecoatofprim erincludingcostofallmaterials,machi neries,labour,transportation,loading &unloading,allleadandliftandotheri ncidentalchargesincludingscaffoldin gandremovingstains,completeaspers pecification.(P-134/15.103)	Sqm							
			Qty Vide Item No. 34				349.33	260.76	91091.00
	Basic Rate	246.00							
	Area Weightage @ 6%	14.76							
	Total	260.76							
40	KSRB13-1.1 : Providing and fixing to wall, ceiling and floor galvanised/mild steel tube 15 mm dia nominal bore with fittings (medium grade weight 1.27 kg/mtr) B class including cost of all materials, labour charges, HOM of equipments and testing complete as per specifictaions. Specification No. KBS 13.2.14/13.8. (P-79 & 13.1).	M							
			1	20.00			20.00	184.44	3688.80
	Basic Rate	174.00							
	Area Weightage @ 6%	10.44							
	Total	184.44							
41	KSRB 11-11.8 : Providing and fixing white vitreous china clay, surgeon type wash basin size 660 x 460 with a pair of 15 mm C.P. brass pillar taps with pair of elbow operated levers, C.I./M.S. brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour, curing complete as per specification. KBS 11 (Page : 70 Item No. 12.30)	Unit							
			2				2.00	4520.90	9041.80
	Basic Rate	4265.00							
	Area Weightage @ 6%	255.90							
	Total	4520.90							

42	KSRB 13-6.1-1 : Providing and fixing in position brass bib cock of approved quality 25 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads, complete as per specifications. Specification No. KBS 13.2.2/13.3 (Page No. 80 & Item No. 13.23).	Each							
			2				2.00	231.08	462.16
	Basic Rate	218.00							
	Area Weightage @ 6%	13.08							
	Total	231.08							
43	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa Pattern of size 580 x 440 mm with integral type footrest, 100mm S or P trap, 10 litre low level, P.V.C. flushing cistern (all are approved make) with fittings, C.I./M.S. brackets, 32 mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25 mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour, curing complete as per specification. KBS 11 (Page : 67 Item No. 12.2)	Pan							
			2				2.00	4441.40	8882.80
	Basic Rate	4190.00							
	Area Weightage @ 6%	251.40							
	Total	4441.40							
44	KSRB 11-8.1 : Providing and fixing white vitreous china clay, wall corner type, lipped front urinal basin of size 580 x 440 x 265 mm with 5 litres P.V.C. automatic flushing cistern C.I./M.S. brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour, curing complete as per specification. KBS 11 (Page : 80 Item No. 12.11)	Unit							

			1				1.00	2806.88	2806.88
	Basic Rate	2648.00							
	Area Weightage @ 6%	158.88							
	Total	2806.88							
45	Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer black or Blue and inner white layer of approved quality and make, conforming to I.S.I/ISO/SSI specifications.	Ltr.							
			1000				1000.00	6.36	6360.00
	Basic Rate	6.00							
	Area Weightage @ 6%	0.36							
	Total	6.36							
46	KSRB 11-15.3: Providing and fixing 453x357mm rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing incluidng cost of materials, labour complete as per specifications.	Unit							
			2				2.00	1204.16	2408.32
	Basic Rate	1136.00							
	Area Weightage @ 6%	68.16							
	Total	1204.16							
47	Applying Primer coat over new wood surface and / or wood based surface with white lead paint priming including preparing the surface afetr throughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting ready mix paint including cost of materials, labour complete as per Specifications (P No. 102 Item No.15.59 PWD SR 2013-14)	Sqm							
	D	2.25	1	1.50		2.10	7.09		
	D1	2.25	1	0.90		2.10	4.25		
	D2	2.25	2	0.75		2.10	7.09		
	w1	2.25	2	1.05		1.20	5.67		
	V	2.25	1	1.80		0.60	2.43		
		2.25	2	1.50		0.60	4.05		
	Basic Rate	28.50					30.58	30.21	923.75
	Area Weightage @ 6%	1.71							
	Total	30.21							

48	Providing and Applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, clening the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications (P No. 102 Item No.15.60 PWD SR 2013-14)	Sqm							
			Vide Item No. 45				30.58	78.44	2398.50
	Basic Rate	74.00							
	Area Weightage @ 6%	4.44							
	Total	78.44							
49	Urocon tiles(Approved data rate)	Sqm							
	Front		1	13.00	8.80		114.40		
	Ramp portion L/S		1	5.80	1.75		10.15		
	R/S		1	5.00	1.75		8.75		
							133.30	1200.00	159960.00
50	Supplying and wiring adoptiong loop system in existing PVC conduit /casing caping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose legnth in a wood/PVC round block, complete for each outlet. (P.4/I.8.I.C) Electrical-SR 2013-14)	No.							
	b) Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch		10				10	175.00	1750.00
	c) Long point above 6Mtr upto 10Mtr from tapping point to out let via switch		6				6	368.00	2208.00
51	Supplying 6A flush /projected type socket and a 6 amps flush/projected type SP switch either surface mounting in a gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required. (P.6/I.12a) Electrical -SR 2013-14)	No							
			12				12	91.00	1092.00

52	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete. (P.4/I.6) Electrical -SR 2013-14)	Each							
	b) 12"x12"x3"		4				4	98.00	392.00
	c) 10"x7"x3"		6				6	68.00	408.00
53	Extra for groove cutting, plastering and colour washing for embedding PVC conduit/GI pipe and plastering finishing the wall upto wall surface complete upto 50mm conduit in brick in wall (P.3/I.7a) Electrical-SR 2013-14)	Rmtr							
			1	120.00			120.00	14.00	1680.00
54	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit..... The pit should be filled with equal proportion of salt and charcoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as per IS1 specification 7.3.3 of IS 732 using 12 mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 122 mm dia. (P.68/I.2) Electrical -SR 2013-14)	Each							
			4				4	3000.00	12000.00
55	Supplying 20mm dia 2mm thick heavy guage PVC conduit pipe with suitable size bends, metal junction boxes, adhesive paste etc and running before concreting the slabs. The conduit should be tied to the reinforcement roads by using binding wire and unused ways of junction boxes and pipe ends should be covered using PVC and enclosures and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. (P.2/I.2a) Electrical -SR 2013-14)	Rmtr							
			1	120.00			120.00	32.00	3840.00

56	Supply patty type fluorescent tube light fitting of 4 feet 40 watts fluorescent tube of 230 volts made of M.S. sheet and stove enameled with heavy duty polyfill aluminum choke, starter, locking type brass contact holders mounted on foldable type sheet base fully wired.for use on 230 volts AC supply including 1 Nos 4'-36/40 watts fluorecent tube A Group (P.16/I.2a) Electrical -SR 2013-14)	No							
			12				12	400.00	4800.00
57	Wiring for lighting / power circute using one of PVC insulated 1100v/grade multies and copper conductor single core cable in open or consealed system of wiring A Group materials 1.50 Sqmm materials (P.9/I.20Ib) Electrical -SR 2013-14)	Rmtr							
			6	120.00			720.00	15.00	10800.00
58	Supplying and running of GI / Copper conductor for grounding & (along with other wires of CTS or conduit system of wiring) using if necessary suitable size clamps bolts nuts and washers etc. (P.68/I.3Ic) Electrical -SR 2013-14)	Rmtr							
			6	6.00			36.00	221.00	7956.00
59	Supplying and fixing miniature circuit breakers/Isolators on existing MCB distribution boards using necessary fixing materials and wiring complete as required (P.36/I.12Ba) Electrical -SR 2012-13)	No.							
			6				6	370.00	2220.00
60	Supplying capacitor type ceiling fan complete with down rod blades, shakle, regulator canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved (Almanord, Unique ISI, Anchor, Crompton, Khaitan, Bajaj, Usha, Johnson make) (P.23/I.23IIa) Electrical -SR 2013-14)	Nos							
			10				10	1900.00	19000.00

ADMINISTRATIVELY SANCTIONED FOR Rs. 49.00 lakhs

Rupees Forty nine lakhs only

Under Honorable Mayor Grant

Registered ....9.....

Subject to conditions mentioned in enclosed memo ...../9/....

Dt 10 Estimate sanctioned

Addl Comm (Yz) AS/874/13-14

dated 18-2-2014 for Rs. 49.00 lakhs

Addl Commissioner
(Yelahanka Zone)
BBMP. Bengaluru-92

	ixing a ceiling fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely. (P.29/I.8) Electrical -SR 2012-13)	Nos							
			10				10	105.00	1050.00
62	Supplying and fixing 32mm dia class A GI pipe bracket upto 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluoroscent tube street light fitting of all capacities to GI or CI or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. (P.28/I.12b) Electrical-SR	Nos							
			10				10	685.00	6850.00
63	Digging of trench of 0.6m deep x 0.50mtr wide refiling the trench to the required ground level and consolidating etc., complete. In Hard Soil (P.70/I.6b) Electrical -SR 2012-13)	Rmtr							
			1	30.00			30.00	50.00	1500.00
65	11% OF KRIDL CHARGES								481192.16
66	CHARGES								43744.74
67	Miscelanious and Unforgen Charges								1226.87
									4900000.00

(Rupees Forty nine Lakhs Only)

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2013-14
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka New Town Sub Division
Bangalore.

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division
Bangalore-92

Technical Sanction for Rs. 49.00 LAKHS

P0190

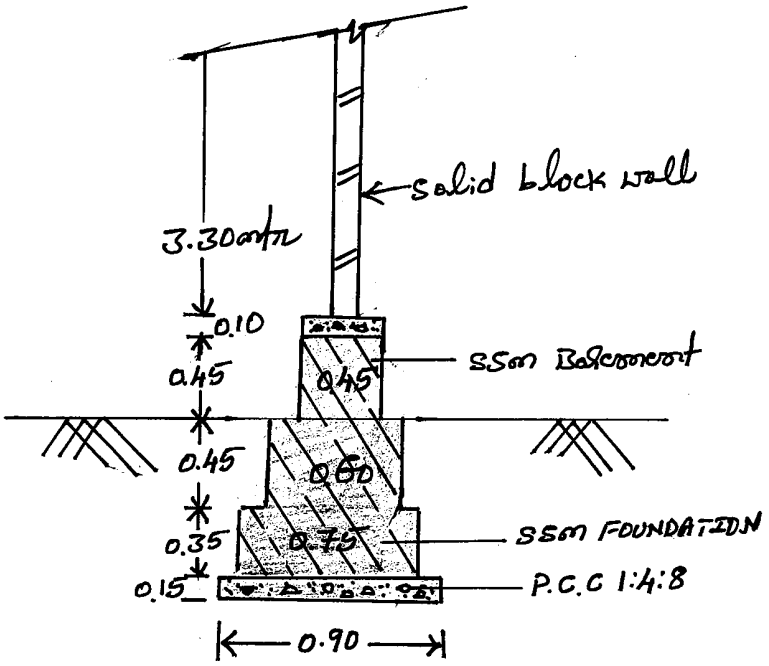
In accordance with Hon'ble Mayor grant's

registered at CE No. 287 Dt 19.02.2014 subject

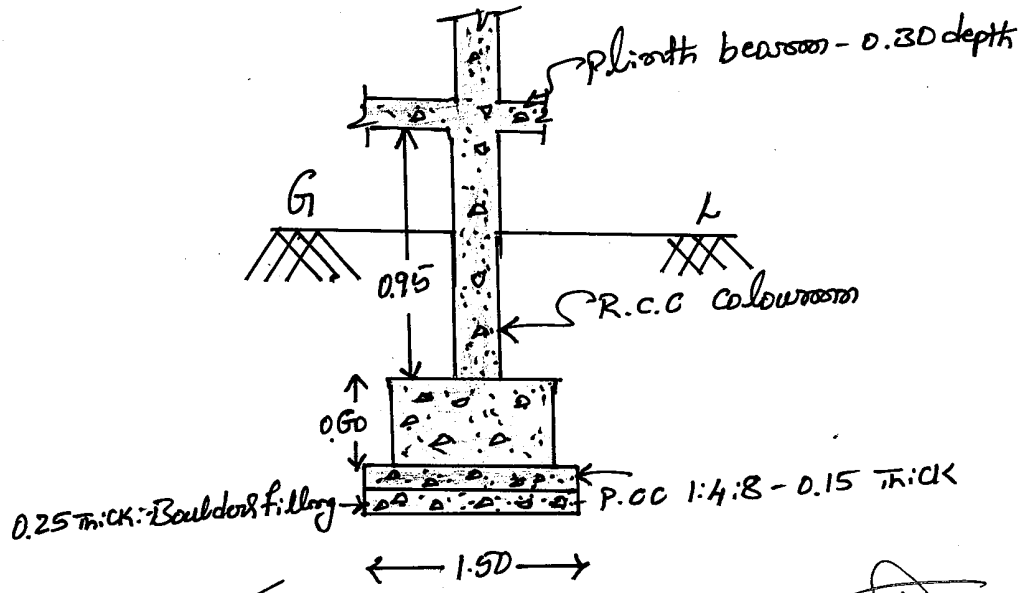
to Conditions contained in enclosed memo

No. 282/13-14 Dt. 19.02.2014

Name of work:: Construction of Library Building at Yelahanka New Town of ward NO-04 in Yelahanka New Town Sub Division.



FOUNDATION DETAILES

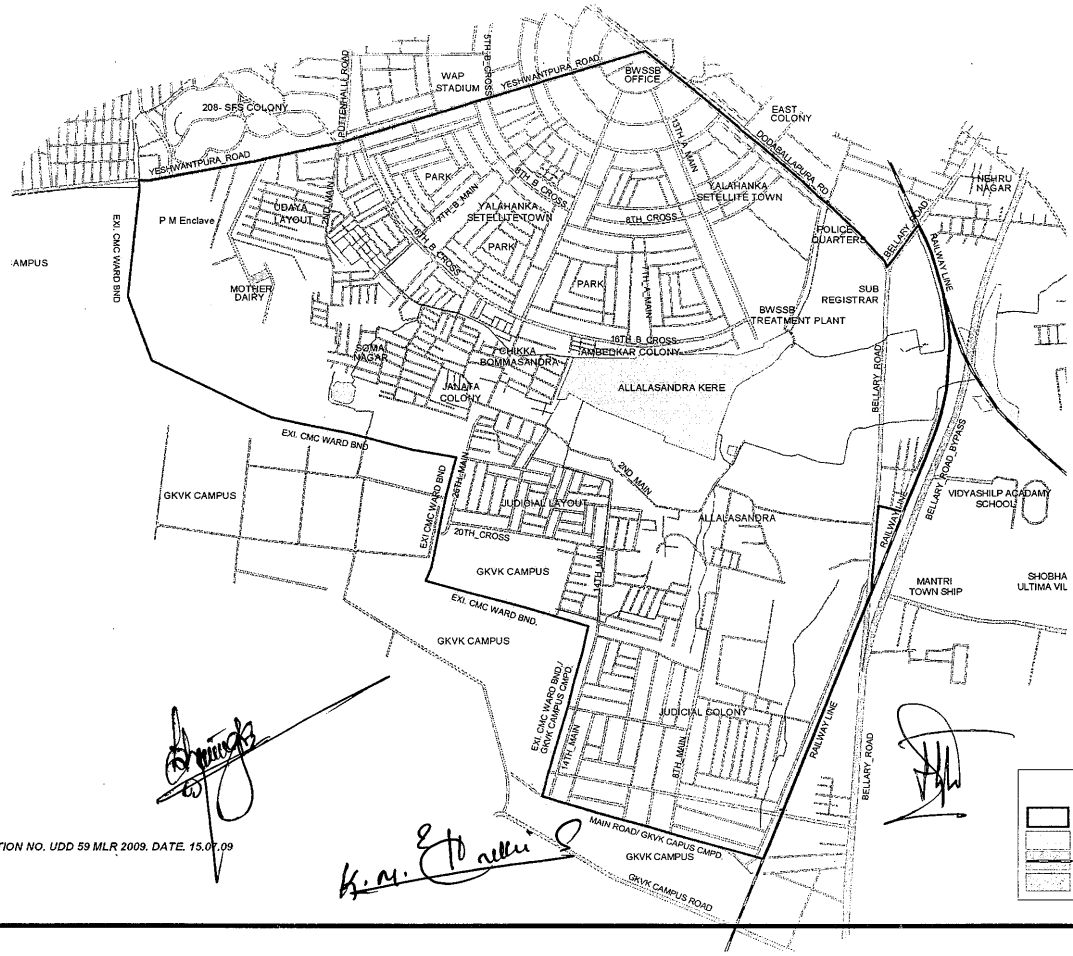


CROSS SECTION OF COLUMNS

150 - YELAHANKA AC

N

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 4 - YELHANKA SATELLITE TOWN



INDEX

- PROPOSED WARD BOUNDARY
- RIVER/ DRAIN
- RAILWAY LINE
- ROAD

NOTIFICATION NO. UDD 59 MLR 2009. DATE. 15.07.09